Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
I149IND7971

6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
GALLEGOS 2

2. Name of Operator
CONOCOPHILLIPS COMPANY

Contact: CHRIS GUSTARTIS
E-Mail: CHRISTINA.GUSTARTIS@CONOCOPHILLIPS.COM

9. API Well No.
30-045-21256-00-S1

3a. Address
P O BOX 2197 WL 6106
HOUSTON, TX 77252

3b. Phone No. (include area code)
Ph: 832.486.2463

10. Field and Pool, or Exploratory
BASIN DAKOTA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 29 T26N R11W SESW 1100FSL 2000FWL
36.45470 N Lat, 108.02879 W Lon

11. County or Parish, and State
SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips proposes to plugback or plug and abandon this well as per the attached procedure.
Also attached are the current; proposed TA and proposed P&A wellbore schematics.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #54626 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by STEVE MASON on 03/01/2005 (05SXM0351SE)

Name *(Printed/Typed)* CHRIS GUSTARTIS — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 03/01/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title PE — Date MAR 14 2005

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office FOO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

PLUG BACK or
PLUG AND ABANDONMENT PROCEDURE

March 1, 2005

Gallegos #2

Basin Dakota
SW, Section 29, T26N, R11W
San Juan County, New Mexico, API 30-045-21256
Lat: 36^ 27' 16.92" N / Long: 108^ 1' 43.68" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

PLUG BACK & TEMPORARY ABANDONMENT:

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary.

2. ND wellhead and NU BOP and stripping head; test BOP. This well is a Category 1 / Class 1 designation.

3. TOH and tally 2.375" tubing, 5815'. Round trip 4.5" casing scraper to 5752'.

4. TIH and set a 4.5" cement retainer at 5752'. Pressure test the tubing to 1000#. Load casing with fresh water and circulate the well clean. Pressure test casing to 800#. If the casing does not test, then contact the Engineer for instructions. May use a packer to locate the casing leak(s). If the casing does not test, then spot or tag the following plugs as appropriate.

5. **Plug #1 (Dakota perforations, 5752' – 5652'):** Mix 11 sxs Type III cement and set a balanced plug above the cement retainer to isolate the Dakota perforations. TOH with tubing.

6. **Plug #2 (Gallup top, 4809' – 4759'):** Perforate 3 HSC holes at 4809'. If the casing tested, then attempt to establish rate into the squeeze holes. Set a 4.5" cement retainer at 4759'. Establish rate below CR. Mix and pump 46 sxs Type III cement, squeeze 35 sxs outside the casing and leave 11 sxs inside to cover the Gallup top. PUH to 2063'.

Chacra plug 1725-1625 45 2045

7. **Plug #3 (Mesaverde top, ~~2063'~~ – ~~1963'~~):** Mix 11 sxs Type III cement and spot balanced plug inside casing to cover the Mesaverde top. TOH with tubing.

8. Set a 4.5" wireline CIBP or CR at 1380'. Pressure test the casing to 800#. If the casing tests, then: **Notify the appropriate BLM and NMOCD representatives to witness the casing integrity test.** Record on a chart with the appropriate clock speed a 30 minutes pressure test to 800#.

9. TIH with tubing and circulate the 4.5" casing with corrosion inhibited water. TOH and LD the tubing. ND BOP and NU wellhead. RD and MOL.

PLUG AND ABANDONMENT:

10. If this well has a casing leak above 1380' and it is deemed uneconomic to repair, then plug the well as follows:

11. **Plug #4 (Pictured Cliffs top and Fruitland tops, 1380' – ~~1025~~ 985'):** Mix ~~27~~ sxs Type III cement and spot balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. PUH to 709'.

12. **Plug #5 (8.625" Casing shoe, 709' – ~~609~~ 247'):** Connect the pump line top the bradenhead valve and pressure test the BH annulus to 300#; note the volume it takes to fill. If the BH annulus tests, then mix ~~11~~ sxs Type III cement and spot balanced plug inside casing to cover the 8.625" casing shoe. TOH and LD tubing. If the BH annulus does not test, then perforate the casing at the appropriate depth and set plugs to cover the 8.625" casing shoe and fill the BH annulus as appropriate.

13. **Plug #6 (Surface)**: If the BH annulus tested, then perforate 2 HSC squeeze holes at 50'. Establish circulation to surface out bradenhead valve. Mix approximately 20 sxs cement and pump down the 4.5" casing to circulate good cement to the surface. Shut in well and WOC.

14. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Gallegos #2

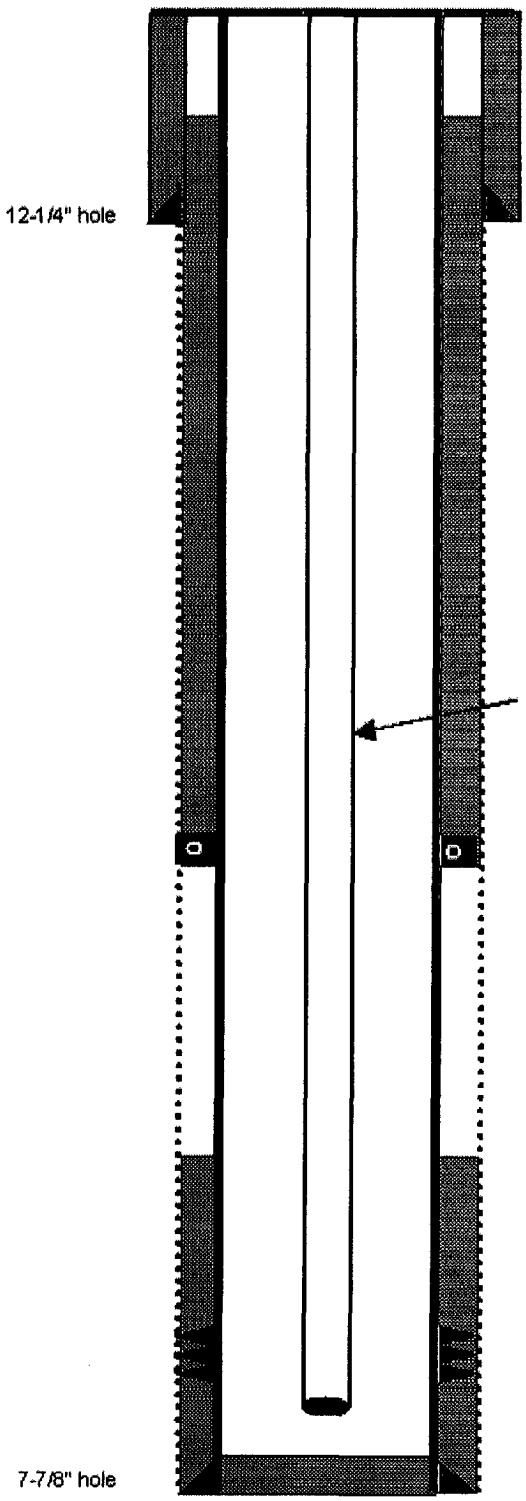
Current

Basin Dakota

SW, Section 29, T-26-N, R-11-W, San Juan County, NM

Lat: 36^ 27' 16.92" N / Long: 108^ 1' 43.68" W / API #30-045-21256

Today's Date: **3/1/05**
Spud: 3/14/73
Completed: 5/5/73
Elevation: 6391' GL



TOC @ 178' (Calc, 75%)

8-5/8" 24#, K-55 Casing set @ 659'
Cement with 400 sxs (Circulated to Surface)

WELL HISTORY

Dec '93: Pull tubing. Pressure test tubing. Re-land tubing at 5815'.

Feb '98: *Slick line: Set plug and test* tubing. Install spring and piston.

Fruitland @ 1075'

Pictured Cliffs @ 1295'

2-3/8" Tubing set at 5815'

Mesaverde @ 2013'

DV Tool @ 2120'
Cmt with 385 sxs (590 cf)

Gallup @ 4759'

TOC @ 4836' (Calc, 75%)

Dakota @ 5762'

Dakota Perforations:
5802' – 5826'

4-1/2" 11.6#, Casing set @ 6100'
Cement with 300 sxs (384 cf)

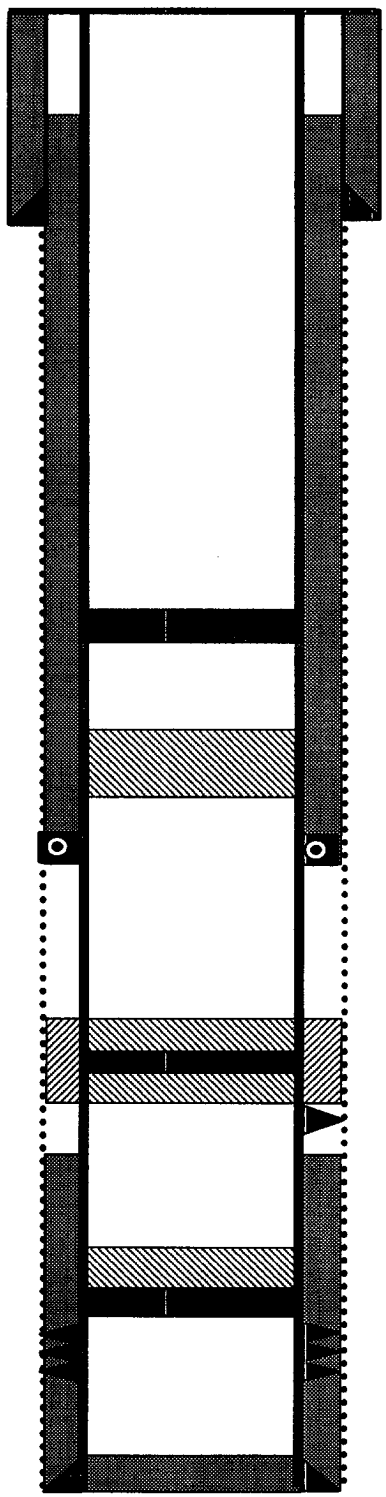
Gallegos #2
Proposed TA

Basin Dakota

SW, Section 29, T-26-N, R-11-W, San Juan County, NM

Lat: 36^ 27' 16.92" N / Long: 108^ 1' 43.68" W / API #30-045-21256

Today's Date: **3/1/05**
Spud: 3/14/73
Completed: 5/5/73
Elevation: 6391' GL



12-1/4" hole

TOC @ 178' (Calc, 75%)

8-5/8" 24#, K-55 Casing set @ 659'
Cement with 400 sxs (Circulated to Surface)

Fruitland @ 1075'

Pictured Cliffs @ 1295'

Set CIBP @ 1380'

2145' 2045'

Plug #3: ~~2063'~~ – ~~1963'~~
Type III cement, 11 sxs

Mesaverde @ 2013'

DV Tool @ 2120'
Cmt with 385 sxs (590 cf)

Plug #2: 4809' – 4709'
Type III cement, 46 sxs:
35 sxs outside casing
and 11 sxs inside.

Cmt Ret @ 4759'

Gallup @ 4759'

Perforate @ 4809'

TOC @ 4836' (Calc, 75%)

Set CR @ 5752'

Plug #1: 5752' – 5652'
Type III cement, 11 sxs

Dakota @ 5762'

Dakota Perforations:
5802' – 5826'

4-1/2" 11.6#, Casing set @ 6100'
Cement with 300 sxs (384 cf)

7-7/8" hole

TD 6100'
PBTD 6026'

Gallegos #2
Proposed P&A

Basin Dakota

SW, Section 29, T-26-N, R-11-W, San Juan County, NM

Lat: 36^ 27' 16.92" N / Long: 108^ 1' 43.68" W / API #30-045-21256

Today's Date: **3/1/05**
Spud: 3/14/73
Completed: 5/5/73
Elevation: 6391' GL
Ojo Alamo 297'
Kirtland 404

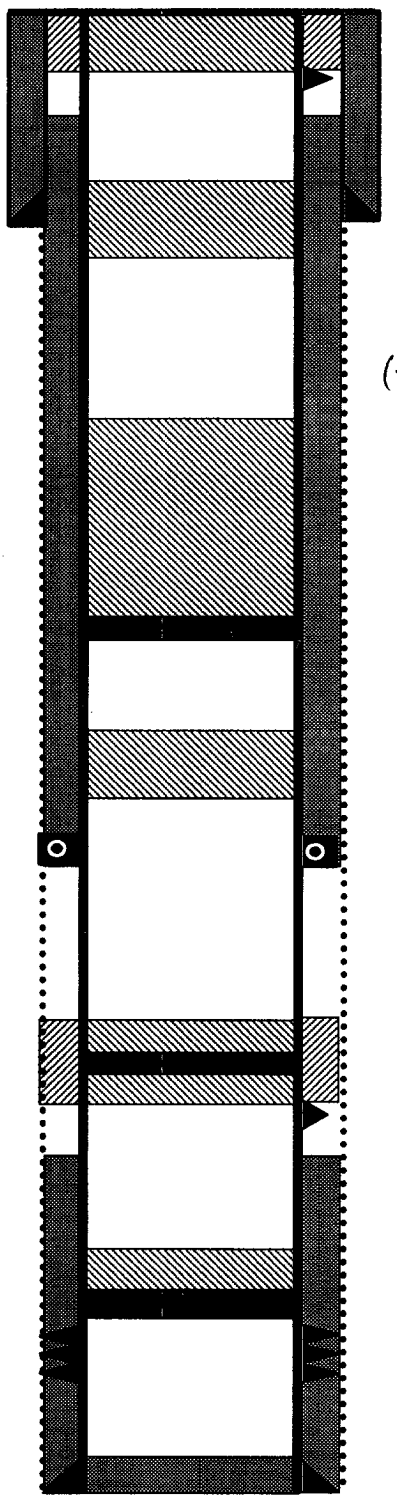
Fruitland @ 1075' 35

Pictured Cliffs @ 1295'

Mesaverde @ 2018' La Ventana 95

Gallup @ 4759' 68

Dakota @ 5762' 59



TD 6100'
PBTD 6026'

Plug #6: 50' – Surface
Type III cement, 20 sxs

Perforate @ 50'

TOC @ 178' (Calc, 75%)

8-5/8" 24#, K-55 Casing set @ 659'
Cement with 400 sxs (Circulated to Surface)

2417'
Plug #5: 709' – ~~609~~'
Type III cement, ~~11~~ sxs

(709 - 247+50) / 11.459 (1.32) = 34 sxs

985
Plug #4: 1380' – ~~1025~~'
Type III cement, 29 sxs

50 + 1380 - 985 / 11.459 (1.32) = 29 sxs

Set CIBP @ 1380'

2145 2045
Plug #3: ~~2063~~' – ~~1963~~'
Type III cement, 11 sxs

DV Tool @ 2120'
Cmt with 385 sxs (590 cf)

Plug #2: 4809' – 4709'
Type III cement, 46 sxs:
35 sxs outside casing
and 11 sxs inside.

Cmt Ret @ 4759'

Perforate @ 4809'

35 (4.3344) 1.32 = 203'

TOC @ 4836' (Calc, 75%)

Set CR @ 5752'

Plug #1: 5752' – 5652'
Type III cement, 11 sxs

Dakota Perforations: 11 (11.459) 1.32 = 166'
5802' – 5826'

4-1/2" 11.6#, Casing set @ 6100'
Cement with 300 sxs (384 cf)